



Contents of Volume 59

Number 1

- 1 Editorial – Risk perception versus risk analysis
- 5 Risk assessment, risk values and the social science programme: why we do need risk perception research
N. PIDGEON (UK)
- 17 Risk perception and risk management: on knowledge, resource allocation and equity
D. OKRENT (USA)
- 27 Facts and values in risk assessment
F. B. CROSS (USA)
- 41 Technological stigmatism, risk perception, and truth
B. J. GARRICK (USA)
- 47 Comment – Diagnosing stigma
B. FISCHHOFF (USA)
- 49 The role of risk perception for risk management
O. RENN (Germany)
- 63 Communicate unto others . . .
B. FISCHHOFF (USA)
- 73 The risk game
P. SLOVIC (USA)
- 79 Meaning and contextualisation in risk assessment
T. HORLICK-JONES (UK)
- 91 The political science of risk perception
S. JASANOFF (USA)
- 101 Public perception versus results of scientific risk analysis
B. L. COHEN (USA)
- 107 The role of risk perception and technical information in scientific debates over nuclear waste storage
H. C. JENKINS-SMITH & C. L. SILVA (USA)
- 123 Nuclear waste management: shifting the paradigm
D. W. NORTH (USA)
- 129 Ten propositions for untangling descriptive and prescriptive lessons in risk perception findings
T. L. McDANIELS (Canada)

- 135 Risk perception, safety goals and regulatory decision-making
L. HOEGBERG (Sweden)
- 141 Acceptable risk as a basis for design
J. K. VRIJLING, W. VAN HENGEL & R. J. Houben (The Netherlands)
- 151 Integrating technical analysis and public values in risk-based decision making
H. BOHNENBLUST (Switzerland) & P. SLOVIC (USA)
- 161 Calendar

Number 2

- 163 German Qualification and Assessment of Digital I & C Systems Important to Safety
W. BASTL & H.-W. BOCK (Germany)
- 171 Model Uncertainty and Model Inaccuracy
J. DEVOOGHT (Belgium)
- 187 On Comparing PRA Results with Operating Experience
H. F. MARTZ & R. R. PICARD (USA)
- 201 Assessment of Fire Vulnerability for Nuclear Power Plant Safety Systems by Combining Fault-and Success-Oriented Logic with Physical Models
J. ARGIROV (Bulgaria)
- 217 Availability Based Spare Optimization using Renewal Process
U. D. KUMAR & J. KNEZEVIC (UK)
- 225 A Stochastic Regime Switching Model for Failure Process of a Repairable System
T.-J. LIM (South Korea)

Technical Notes

- 239 Latin Hypercube Sampling used in the Calculation of the Fracture Probability
K. DING, Z. ZHOU & C. LIU (People's Republic of China)
- 243 A Decision Theoretic Approach to an Accident Sequence: when Feedwater and Auxiliary Feedwater Fail in a Nuclear Power Plant
O. SVENSON (Sweden)
- 253 Reliability Analysis of Microcomputer Circuit Modules and Computer Based Control Systems Important to Safety of Nuclear Power Plants
S. K. KHOBARE, S. V. SHRIKHANDE, U. CHANDRA & G. GOVINDARAJAN (India)
- 259 Calendar

Number 3

- 261 An efficient point estimate method for probabilistic analysis
H. P. HONG (Canada)
- 269 A note on the steady state downtime distribution of a monotone system
T. AVEN & H. HAUKÅS (Norway)

- 277 Estimating system reliability with fully masked data under Brown-Proschan imperfect repair model
T. J. LIM (Korea)
- 291 Life cycle cost modelling using marked point processes
M. KARYAGINA, W. WONG & L. VLACIC (Australia)
- 299 Calculating conditional core damage probabilities for nuclear power plant operations
C. L. SMITH (USA)
- 309 Optimal maintenance scheduling in a two identical component parallel redundant system
R. BILLINTON & J. PAN (Canada)
- 317 Transient analysis of reliability with and without repair for K -out-of- $N:G$ systems with M failure modes
M. S. MOUSTAFA (Egypt)
- 321 Software dependability models under memory faults with application to a digital system in nuclear power plants
J. G. CHOI & P. H. SEONG (South Korea)
- 331 Calendar
- 333 Contents of Volume

